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Vision Research is a journal devoted to the functional aspects of human, vertebrate and invertebrate vision and welcomes papers that address important issues in basic and/or clinical research.

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**Front cover illustration:** A composite of thumbnails representing the nine articles in this Feature Issue, covering topics of measuring visual acuity and contrast sensitivity, calibrating electronic displays for vision testing, perimetry testing, measurements of eye movements, stereopsis, reading performance and visual processing speed, and how to predict visual performance based on individual optical variations.